

# Converting Colors

HunterLab(88.9128, -50.2352,  
21.0590)

Have a look what the booklet for  
HunterLab(88.9128, -50.2352,  
21.0590) contains.

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# Color

**HunterLab(88.9177,  
-50.2133, 21.0450)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75FFBF
RGB	117, 255, 191
RGB Percent	46%, 100%, 75%
CMY	0.5412, 0.0000, 0.2510
CMYK	0.54, 0.00, 0.25, 0.00
HSL	152°, 100%, 73%
HSV	152°, 54%, 100%
XYZ	52.5001, 79.0636, 61.7841
YIQ	206.4420, -61.7040, -49.1600

# Conversions

## Conversions Part 2

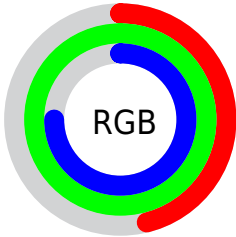
<b>Format</b>	<b>Color</b>
<b>RYB</b>	117, 207, 255
Decimal	7733183
CIELab	91.26, -52.09, 19.36
CIELCh	91, 55.574, 159.615
Yxy	79.0638, 0.2715, 0.4089
Android (android.graphics.Color)	4285923263 (0xFF75FFBF)
YUV	206.4420, -7.6129, -78.4406
Hunter-Lab	88.9177, -50.2133, 21.0450

# Details

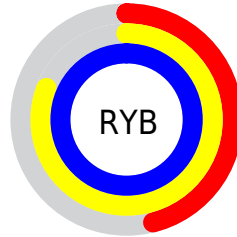
The HunterLab color **88.9177, -50.2133, 21.0450** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **61.0897, 56.5523, -3.7953**, and the grayscale version is **78.8030, -4.2047, 4.2815**.

A 20% lighter version of the original color is **93.5855, -28.9635, 1.4113**, and **65.1088, -43.3501, 17.8091** is the 20% darker color. If you saturate the color by 10%, you get **87.7677, -55.4052, 24.2388**, and if you desaturate by 10%, it is **90.3432, -43.9768, 17.8901**.

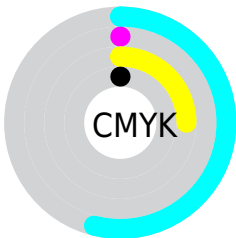
# Distribution



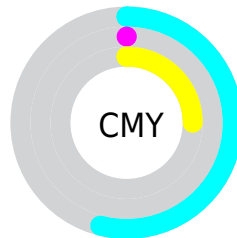
- Red (46%)
- Green (100%)
- Blue (75%)



- Red (46%)
- Yellow (81%)
- Blue (100%)



- Cyan (54%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)




- Cyan (54%)
- Magenta (0%)
- Yellow (25%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 88.9177, -50.2133, 21.0450 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 88.9177, -50.2133, 21.0450 by changing the saturation by 10% instead.





 88.9177, -50.2133,  
21.0450


 88.9177, -50.2133,  
21.0450


221.7594,  
-76.8467, 35.1503

 76.7778, -46.8748,  
19.4385


 114.9124,  
-56.5737, 24.2076

 65.2468, -43.4029,  
17.8075


 128.7194,  
-59.6300, 25.7748

 54.3590, -39.7650,  
16.1417


 143.0389,  
-62.6197, 27.3370

 44.1549, -35.9181,  
14.4274

157.8532,  
-65.5521, 28.8969

 34.6837, -31.8004,  
12.6446

173.1464,  
-68.4351, 30.4566

 26.0074, -27.3203,  
10.7635

188.9038,

 18.2068, -22.3338,

-71.2750, 32.0178

8.7356

205.1122,  
-74.0773, 33.5820

■ 11.3940, -19.9396,  
7.9534

■ 3.7395, -6.5442,  
2.6177

■ 88.9177, -50.2133,  
21.0450

■ 88.9177, -50.2133,  
21.0450

■ 87.7677, -55.4052,  
24.2388

■ 90.3432, -43.9768,  
17.8901

■ 86.8800, -59.5551,  
27.4270


■ 92.0509, -36.7309,  
14.8190


■ 86.2354, -62.7019,  
30.5602

■ 94.0431, -28.5330,  
11.8691

■ 85.8056, -64.9345,  
33.5876

■ 96.3180, -19.4600,  
9.0724

 85.6263, -65.9253,  
35.2882

 98.8704, -9.6007,  
6.4544

100.0000, -5.3358,  
5.4332

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.9178, -36.8456, 36.1882



88.9177, -50.2133, 21.0450



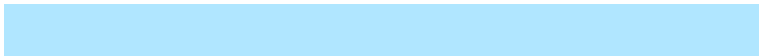
88.9178, -52.2793, -4.2450

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.9178, -50.2124, 21.0443



88.9178, 4.5211, -62.7917



88.9178, 41.1573, 31.9181

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



88.9177, -50.2133, 21.0450



61.0897, 56.5523, -3.7953

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.9178, 55.4939, 13.0573



88.9177, -50.2133, 21.0450



88.9178, 32.6643, -44.9646

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.9178, -50.2124, 21.0443



88.9178, -22.9154, -58.6152



88.9178, 52.2052, -15.1376



88.9178, 15.0037, 40.9672



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.9177, -50.2133, 21.0450



88.9178, -47.2723, -24.7188



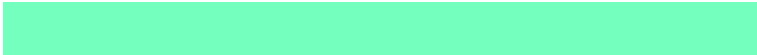
88.9178, 52.2052, -15.1376



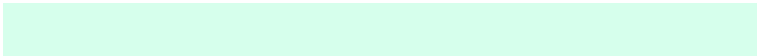
88.9178, 47.6580, 26.8035

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



88.9178, -50.2124, 21.0443



95.8681, -21.2319, 9.5862



90.9268, -45.0226, 44.2659



44.1307, -10.7036, 4.6981

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.9178, -50.2124, 21.0443



87.6789, -55.8136, 24.5214



89.2313, -36.7366, -8.5216



45.0900, -6.9420, 3.6278



61.9202, -47.5019, 25.1481



19.3784, -14.4695, 7.0143



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



61.0897, 56.5523, -3.7953



55.8605, 67.5357, -2.7484



60.3044, 46.4978, 21.4258



42.5761, 2.4654, 1.2387



34.3874, 60.9720, 6.0771

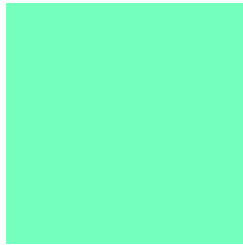


10.8312, 19.3938, 0.4484



# Previews

## White Background



This preview shows how the HunterLab color 88.9177, -50.2133, 21.0450 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

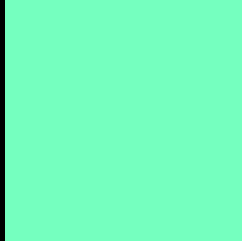
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 88.9177, -50.2133, 21.0450 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

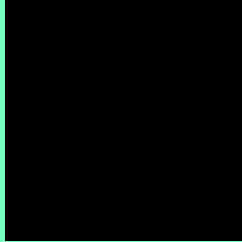
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

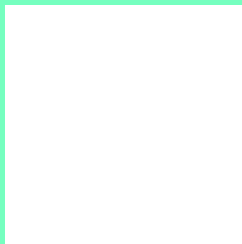
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## HunterLab 88.9177, -50.2133, 21.0450 Background



This preview shows how black text looks on a background with the HunterLab color 88.9177, -50.2133, 21.0450.



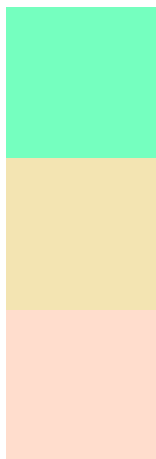
This preview shows how white text looks on a background with the HunterLab color 88.9177, -50.2133, 21.0450.

-50.2133, 21.0450.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

88.9177, -50.2133, 21.0450

### Protanopia

88.1793, -7.0643, 25.8917

### Deuteranopia

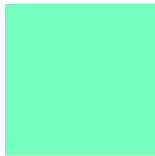
87.9663, 4.5707, 15.3553



## Tritanopia

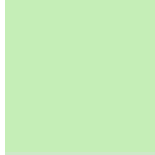
88.4297, -21.5180, -9.3190

# Trichromacy



## Original Color

88.9177, -50.2133, 21.0450



## Protanomaly

87.4290, -26.1164, 23.0352



## Deuteranomaly

86.8488, -18.9232, 15.8804



## Tritanomaly

88.1535, -32.8156, 2.3981

# Monochromacy



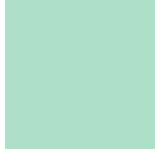
## Original Color

88.9177, -50.2133, 21.0450



## Achromatopsia

78.5625, -4.1919, 4.2684



## Achromatomaly

81.5641, -23.1293, 9.6865

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 88.9177, -50.2133, 21.0450 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(117, 255, 191)` looks like.

```
.text, #text, p{  
    color:rgb(117, 255, 191)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(117, 255, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 255, 191) }
```

## Border

The CSS property to change the border of an element to HunterLab 88.9177, -50.2133, 21.0450 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 255, 191) }
```



If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(117, 255, 191) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(117, 255, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 255, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 255, 191);  
box-shadow:4px 4px 4px 4px rgb(117, 255,  
191) }
```

# Background

The CSS property to change the background color of an element to HunterLab 88.9177, -50.2133, 21.0450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 255, 191) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(117,  
255, 191) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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